Traffic control and management Information System

37. SHRI RAMDAS AGARWAL : Will the Minister of COMMUNICATIONS be pleased to state:

(a) whether hit is a fact that the Department of Telecommunications has recently introduced an advance telecommunication system for effective management of telephone traffic during peak hours in the Capital through Mahanagar Telephone Nigam Limited (MTNL);

(b) if so, what are the details thereof indicating the cost of die project and whether the same has been developed indigenously;

(c) whether, with the introduction of this new system, the operational performance of Delhi's telehone network which run into 112 exchanges or so and nave 89 lakh telephone subscriber-; will improve effectively; and

(d) whether Government propose to introduc similar system in Rajas than indiatmg also what further additional ethnologies into the net work in 1995-96 axe likely to be brought in Delhi and elsewhere in the county and budgetary provisions proposed to be made in this regard during thy year 1995-96?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI SUKH RAM) : (a) Yes, Sir. It has been introduced on an experimental basis.

(b) So far, digital E, 10B Electronic exchanges have been extended to the system. As far as other analog type electronic switches and new High Tech. switches namely AXE-10, 5 ESS and OCB-' 283 are concerned, separate software development will be done at a later date so as to extend the-same to the system. The cost of, the above experimental project is of the order of Rs. 20 lakhs. The system has been developed fully indigenously.

(c) Yes, Sir, the telephone exchange performance after successful completion of the experimental project when all the electronic exchanges of Delhi are extend ed to the system likely to improve.

(d) No Sir. Presendy there is no proposal to introduce exchange Management System or like equipment in Rajasthan circle.

Bidding for Indian Cellular Phones Business

38. SHRI RAMDAS AGARWAL : Will the Minister of COMMUNICATIONS be pleased to state:

(a) whether the consortium comprising NOKIA of Finland and Metrosell and Deneb Robotics Inc. of the United States are bidding for the Indian Cellular phones business in five of the 18 circles, tenders for which were floated by DOT last year, as reported in Financial Express, New Delhi dated the 26th January, 1995;

(b) if so, the details thereof;

(c) whether the business terms have already been finalised and contracts awarded by DOT to major Indian companies in collaboration with foreign partners. If so, the names thereof; and

(d) whether India has opted for the Groups Special Mobile (GSM) technology standardised for the European Community, if so, the salient features and advantages thereof?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI SUKH RAM): (a) and (b) The Department has invited tenders from the registered Indian Companies for operation of Cellular Mobile Telephone Services in 20 territorial circles. The last date for the submission of the tender document is 31-03-95. The details of the consortiums comprising of NOKIA of Finland and Metrosell and Deneb Robotios Inc.

of United States mentioned in the question will *be* known only after opening the bids on 31-03-95.

(e) Business terms have been stated in the tender documents and contracts will be awarded to Indian Companies after the finalisation of the tender.

(d) Yes, Sir. The salient features and advantages of GSM technology are given in the enclosed Statement. *(See* below)

Statement

SALIENT FEATURES AND ADVANTAGES OF GSM

About the Service:

1.0 GSM stands for Global System for Mobile Communications and it is the technology used for Digital Cellular mobile communication. The services envisaged for the GSM system have been described on the basis of ISDN concepts and modified to take into account the mobile environment. These services are divided in three categories.

1. Teleservices
2. Bearer services
3. Supplementary services

GSM has specified some of the services as essential services which are to be implemented by the GSM network operators, other services are optional.

Teleservices;

These are the services which are Provided on a user terminal to user terminal basis. Some services in this category are:

1. Telephone including emergency calls.
2. Short message transmission services.
3. Videotex access services
4. Teletex transmission services.
5. G-3.FAX transmission services.

Bearer Services:

In bearer services the terminal equipment is provided by the user, the responsibility of the network service provider ending at the point of connection. Many forms of Data, Transmission falls in this category. Some services in this category are:

1. Data circuit switched, asynchro nous 300-9600 Bps inter-working with the telephony net' work (PSTN)
2. Data, circuit switched, Synchro nous 1200-9600 Bps inter-working with the telephone network, cir cuit switched public data network (CSPDN) & ISDN.
3. PAD access asynchronous 300-9600 Bps, interworkmg with the packet switched Public Date Network (PSpDN).
4. Data, packet Synchronous 2400-9600 Bps, interworking with PSPDN.

Supplementary Services'.

Some of the services in this category are:

1. Call forwarding.
2. Advice of charge.
3. Call restriction.
4. Conference Facilities.
5. Malicious call identification.
6. Barring of incoming/outgoing call etc.

Advantages of GSM:

— Better quality of service.
— High degree of security due to encryption.
— Connectivity to PSDN and ISDN.
— Will support various Teleservices, Bearer services and Supplementary services.
— Increased capacity in limited special trum bandwidth.
— Pocket size phone.
— Personal mobility (throngh Subscriber Identification Module Card).

— Cost effectiveness.

Opending of Post Offices ta Tamil Nadu

39. SHRI S. MUTHUMANI: Will the Minister of COMMUNICATIONS be pleased to state:

(a) what is the total number of post offices opened in Tamil Nadu during the financial year 1993-94.

(b) what is the total number of post offices opened throughout the country during the same period;

(c) how many proposals for opening of new post office$_s$ in Tamil Nadu are pending and by when these post offices will be opened; and

(d) how many post offices have been up-gfaded in Tamil Nadu during the said financial year and how many are proposed to be upgraded in the near future?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS *(SHSI* SUKH RAM): (a) The total number of Post Offices opened in Tamil Nadu during the year 1993-94 is 14.

(b) 801 Post Offices were opened in the country during the year 1993-94,

(c) Four such proposals are pending and they will be cleared subject to fidfil-meat of departmental norms and avail ability of resources.

(d) No Post Office was upgraded during this period. Two proposals for upgradation, of post offices are under consideration.

Deduction of salary for strike period

40. SHRI S. VIDUTHALAI VIRUMBI: *Will* the Minister of COMMUNICA TIONS tee plealsed to state:

(a) whether it is a fact that the Postal Department has deducted the salary for strike period, i.e. four days during the month of December, 1993 even though the strike was conducted with proper prior notice;

(b) what is the special reason for withholding the salary for four days while Government had agreed previously to pay the salary to the Postal employees of North Eastern States for forty days strike period; and

(c) whether Government would agree to pay the withheld salary amount to the Postal employees?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI SUKH RAM): (a) Yes, Sir. It may, however be added that notice received from the employees' Federations/Associations proceeding on strike was in contraven ion of various provisions of the Industrial Dispute Act,
1947

(b) At the time of withdrawal of strike by Postal employees of North Eastern States in December, 1991, a written agreement was made with the staff side to adjust the strife period, by granting earned leave admissible as per rules. Therefore, strike period of postal employees of these, states was regulated accordingly.

(c) A proposal to regulate the strike period of the Postal Departmental Em ployees is under consideration of the Gov ernment.

Corruption in the undertakegs organi-satiens under Ministry of Communica tions

41. SHRI ISH DUTT YADAV:
CHAUDHARY HARMOHAN SINGH:

Will the Minister of COMMUNICA-TIONS be pleased to refer to Unstarred Question 878 given in the Rajya Sabha on 2nd August, 1994 and state:

la) the names of the 34 officers together with the allegations made against diem; and

(b) whether Government have taken action against these officers by October 30, 1994?